

Two new species of Mycetophilidae from Greece and the Netherlands

(Insecta, Diptera, Nematocera)

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Descriptions of two new species of the family Mycetophilidae with illustrations of the male genitalia are presented: *Leia graeca*, spec. nov. from Greece and *Sceptonia demejerei*, spec. nov. from the Netherlands.

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Leia graeca, spec. nov.

Figs 1-3

Types. Holotype: ♂, Greece, Farsala, 20.IV.1994 (D.Bechev) (in author's collection). – Paratypes: 2♂♂, Greece, 2 km nw. of Langadia, 28.IV.1979 (A. E. Stubbs); 1♂, sw. of Lake Takka, 27.IV.1979 (A. E. Stubbs); 2♂♂, Fokis, Delphi, 5.V.1979 (A. E. Stubbs); 2♂♂, Cephalonia, Mount Enos, *Abies cephalonica* forest, 1300 m, 20.V.1981 and 23.V.1981 (I. F. G. McLean) (all in coll. of Dr. P. J. Chandler).

Description (♂)

Wing length 4.5 mm.

Head. Colour black. Clypeus, palpi, and mouthparts yellow. Antennae dark; scape and pedicel yellow; also flagellomeres 1-2 yellowish on underside.

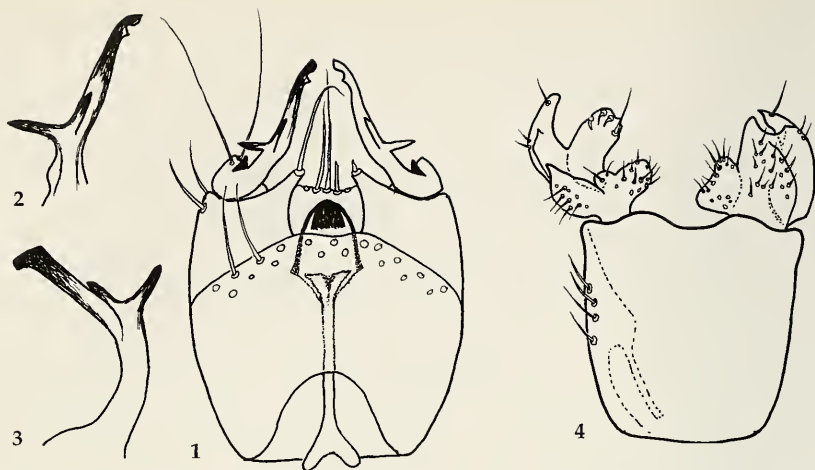
Thorax. Mesoscutum with confluent black stripes; lateral part yellow. Scutellum, mediotergite, laterotergite and pteropleura (=epimere 2) black; mesopleura (=anepisternum) and sternopleura (=katepisternum) blackish brown, partially yellowish; pronotum yellow. Mesoscutal bristles pale. Scutellum with four long yellow brownish setae; laterotergite with a number of long pale bristles.

Wings. Membrane yellowish, without markings; veins dark. Halteres yellow.

Legs. Coxae, femora, and tibiae yellow, excluding only apex of hind femora. Tibial spurs yellow brownish. Tarsi brownish.

Abdomen. Tergites entirely black Sternites with yellow markings. Hypopygium (Fig. 1) dark. Apex of gonostyle tripartite but medial tooth free only extremely apically (Fig. 3).

Discussion. This species resembles *Leia umbrosa* Caspers (see Caspers, 1991: p. 328, fig. 13) from which it differs in the form of gonostyle.



Figs 1-3. *Leia graeca*, spec. nov. 1. ♂ genitalia, dorsal view. 2. Gonostyle, dorsal view. 3. Gonostyle, lateral view.
 Fig. 4. *Sceptonia demeijerei*, spec. nov. ♂ genitalia, ventral view.

Sceptonia demeijerei, spec. nov.

Fig. 4

Types. Holotype: ♂, Netherlands, Hilversum, 10.V.08 (de Meijere) (ITZ). – Paratypes: 1♀, Netherlands, Hilversum, 20.V.08; 1♀, Hilversum, 22.VII.09; 1♀, Hilversum, 9.VII.05; 1♀, Hilversum, 15.IX.07 (de Meijere) (all in Instituut voor Taxonomische Zoologie, Amsterdam).

Description (♂)

Wing length 1.9 mm.

Head. Entirely shining black. Antennae, scape and pedicel dark brown. Palpi yellowish.

Thorax. Entirely black, shining.

Wings. Membranae yellowish. R5 about three times its width removed from R1. Halteres yellow.

Legs. Yellow except dark near basal margin hind coxa, blackish apical third of hind femur and brownish tarsi. Mid tibia with 1pv, 2a, 3d; hind tibia with 6-7a, 3d.

Abdomen. Entirely black, shining.

Male genitalia. See fig.4.

Discussion. The new species resembles *Sceptonia fuscipalpis* Edwards (holotype examined) from which it differs in the form of the gonostyles (see Edwards 1925, figs. 171-173) and the yellowish palpi.

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References

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